SOMANI ABDULLA SURYA TEJA

Full Stack Engineer | MERN Stack | React.js | Node.js
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PROFESSIONAL SUMMARY

Full Stack Engineer with 3+ years of cumulative software-development experience across production web applications and project-based freelance development. Experienced in React.js, Node.js, Express.js, MongoDB, REST APIs, payment integrations, access control, performance optimization, and cloud deployment. Delivered LMS, placement operations, enrollment automation, and real-time AI-service integrations. Available to join immediately.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), TypeScript, React.js, Next.js, Redux Toolkit, Tailwind CSS, Ant Design, HTML5, CSS3
Backend & APIs: Node.js, Express.js, FastAPI, Python, RESTful APIs, JWT, RBAC, WebSockets, Microservices
Databases: MongoDB (aggregation pipelines, indexing, query optimization), MySQL, SQL
Cloud & Testing: AWS (EC2, S3, CloudFront), Docker, Nginx, PM2, Linux, Git, GitHub Actions, Vitest, Postman, SonarQube
Integrations & Real-Time: Razorpay, Zoho, ChatRace, TPStreams (HLS), LiveKit, WebRTC, STT/LLM/TTS service integration
Automation & Tooling: Playwright, BeautifulSoup4, Requests, openpyxl; AI-assisted development (Cursor, ChatGPT, Claude)

PROFESSIONAL EXPERIENCE

Codegnan IT Solutions Pvt Ltd 26 Dec 2024 – 26 Sep 2026
MERN Stack Developer *Hyderabad, India*

- Primary contributor to the Edge Academy LMS (React.js, Node.js, Express.js, MongoDB), building approximately 24 data models and 156 REST endpoints for courses, enrollments, quizzes, certificates, and student/mentor/admin roles.
- Optimized MongoDB queries with indexing and aggregation (a documented query from approximately 20 seconds to 100 ms); cut average API response times from about 1 second to 40–50 ms and mobile JSON payloads by more than 75%.
- Implemented JWT authentication with HTTP-only refresh cookies and API-layer RBAC (five roles, NONE/AUTO/MANUAL permission levels), protecting 40+ endpoints on the placement platform.
- Built Corporate Relations placement workflows with server-side job-eligibility validation (required skills, graduation and pass-out year) against LMS student data, plus interview-round and candidate-progression flows.
- Integrated Razorpay checkout (signature verification, webhooks, idempotency keys) and automated provisioning across Zoho billing, ChatRace WhatsApp, and Academy access, saving 15+ hours of manual work weekly.
- Integrated AWS S3 presigned uploads and HLS streaming through TPStreams, moving media load off application servers and reducing server CPU usage by about 40%.
- Integrated LiveKit/WebRTC with STT, LLM, and TTS services exposed through asynchronous FastAPI endpoints for AI mock interviews (approximately 650 ms pipeline latency), using existing self-hosted open-source models.
- Led the Forms and TMS backend modules at module level in the core LMS; wrote Vitest tests (80%+ coverage), worked within SonarQube quality gates, and deployed to AWS EC2 with Docker, Nginx, PM2, DNS, and SSL.

Business Aacharya 01 Jun 2020 – 31 Oct 2021
Freelance Frontend Developer (Contract) *Hyderabad, India (remote)*

- Built responsive layouts and dashboard, profile, account, and status screens with HTML, CSS, JavaScript, and React.js; fixed frontend bugs against client feedback.
- Connected frontend screens to REST APIs, collaborating with teammates who owned authentication and API services.

SELECTED PRODUCTION PROJECTS

Edge Academy LMS (academy.codegnanedge.com): courses, enrollments, quizzes, certificates, live classes
Edge Landing & Payments (codegnanedge.com): checkout, token payments, enrollment provisioning
Corporate Relations Platform (corporaterelations.codegnan.ai): job management, placement workflows, interview rounds

INDEPENDENT PROJECT

Autonomous Career Intelligence & Portal Automation Engine
GitHub: github.com/somanisuryateja/surya-powerful-job-match-engine

- Python 3.11 job-discovery tool (Playwright, BeautifulSoup4, Requests) with adapter modules for Workday, SAP SuccessFactors, Oracle CX, Avature, and Amazon portals; classifies roles as APPLY, WATCH, NEAR, or SKIP, syncs to Excel (openpyxl), and generates an HTML dashboard.

EDUCATION & TRAINING

B.Tech, Computer Science — DRK Institute of Science and Technology, Hyderabad (JNTUH) 2020 – 2024
Diploma, Computer Engineering — Government Polytechnic, Masab Tank, Hyderabad 2017 – 2020
Cyber Security / VAPT Training — Berry9 IT Services (B9ITS), Hyderabad 2019